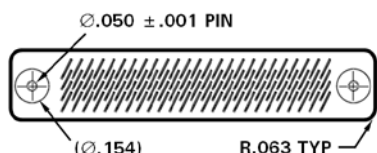
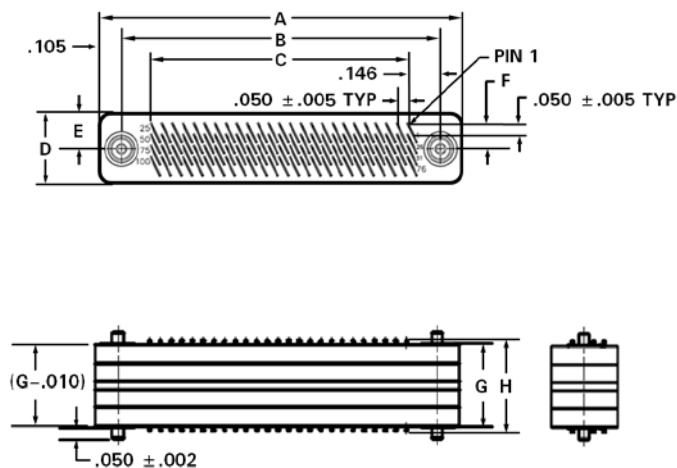
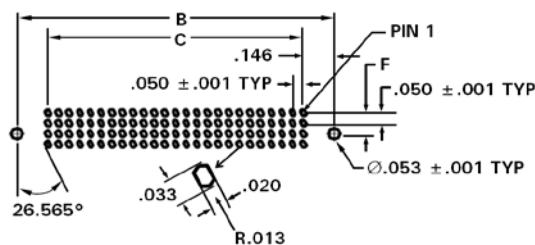


## Z SERIES DIMENSIONS

### Guide Pin Hardware Option



### PWB Layout (Recommended)



| DIMENSIONS |      |      |       |       |       |       |       |       |
|------------|------|------|-------|-------|-------|-------|-------|-------|
| SIZE       | ROWS | COLS | A     | B     | C     | D     | E     | F     |
| 20         | 2    | 10   | 0.952 | 0.742 | 0.450 | 0.210 | 0.105 | 0.050 |
| 30         | 2    | 15   | 1.202 | 0.992 | 0.700 | 0.210 | 0.105 | 0.050 |
| 40         | 2    | 20   | 1.452 | 1.242 | 0.950 | 0.210 | 0.105 | 0.050 |
| 50         | 2    | 25   | 1.702 | 1.492 | 1.200 | 0.210 | 0.105 | 0.050 |
| 30         | 3    | 10   | 0.952 | 0.742 | 0.450 | 0.260 | 0.105 | 0.050 |
| 45         | 3    | 15   | 1.202 | 0.992 | 0.700 | 0.260 | 0.105 | 0.050 |
| 60         | 3    | 20   | 1.452 | 1.242 | 0.950 | 0.260 | 0.105 | 0.050 |
| 75         | 3    | 25   | 1.702 | 1.492 | 1.200 | 0.260 | 0.105 | 0.050 |
| 40         | 4    | 10   | 0.952 | 0.742 | 0.450 | 0.310 | 0.155 | 0.100 |
| 60         | 4    | 15   | 1.202 | 0.992 | 0.700 | 0.310 | 0.155 | 0.100 |
| 80         | 4    | 20   | 1.452 | 1.242 | 0.950 | 0.310 | 0.155 | 0.100 |
| 100        | 4    | 25   | 1.702 | 1.492 | 1.200 | 0.310 | 0.155 | 0.100 |
| 50         | 5    | 10   | 0.952 | 0.742 | 0.450 | 0.360 | 0.155 | 0.100 |
| 75         | 5    | 15   | 1.202 | 0.992 | 0.700 | 0.360 | 0.155 | 0.100 |
| 100        | 5    | 20   | 1.452 | 1.242 | 0.950 | 0.360 | 0.155 | 0.100 |
| 125        | 5    | 25   | 1.702 | 1.492 | 1.200 | 0.360 | 0.155 | 0.100 |
| 60         | 6    | 10   | 0.952 | 0.742 | 0.450 | 0.410 | 0.205 | 0.150 |
| 90         | 6    | 15   | 1.202 | 0.992 | 0.700 | 0.410 | 0.205 | 0.150 |
| 120        | 6    | 20   | 1.452 | 1.242 | 0.950 | 0.410 | 0.205 | 0.150 |
| 150        | 6    | 25   | 1.702 | 1.492 | 1.200 | 0.410 | 0.205 | 0.150 |
| 70         | 7    | 10   | 0.952 | 0.742 | 0.450 | 0.460 | 0.205 | 0.150 |
| 105        | 7    | 15   | 1.202 | 0.992 | 0.700 | 0.460 | 0.205 | 0.150 |
| 140        | 7    | 20   | 1.452 | 1.242 | 0.950 | 0.460 | 0.205 | 0.150 |
| 175        | 7    | 25   | 1.702 | 1.492 | 1.200 | 0.460 | 0.205 | 0.150 |

| DIMENSIONS      |                |
|-----------------|----------------|
| HARDWARE<br>"G" | CONTACT<br>"H" |
| 0.100+/-0.002   | 0.120+/-0.006  |
| 0.150+/-0.002   | 0.170+/-0.010  |
| 0.200+/-0.002   | 0.230+/-0.010  |
| 0.250+/-0.002   | 0.280+/-0.010  |
| 0.300+/-0.002   | 0.330+/-0.010  |
| 0.350+/-0.002   | 0.380+/-0.010  |

Note: All dimensions are in inches.

### PWB-PLATED PAD RECOMMENDATIONS:

Board to be made in accordance with ANSI/EIA-616

Laminate material per MIL-P-13949, Type GF

Copper foil thickness: 1 oz per square foot

Plate all surface features with 50  $\mu$ ", minimum, electrolytic hard gold over 50-150  $\mu$ " nickel.

(Optionally, plate all surface features with 50  $\mu$ ", minimum, electrolytic hard gold over 5-10  $\mu$ " of electrolytic soft gold over 100  $\mu$ ", minimum, nickel.)